

# NOTE :

## 12V INPUT

SHORT TP1 & TP4  
SHORT TP3 & TP6  
SHORT TP2 & TP5 TO VCC  
DELETE R8 & R10  
D1 SHOULD BE 5.6 VOLTS  
D6 SHOULD BE 18.0 VOLTS  
Q5 & Q6 SHOULD BE NDP7060  
FUSE SHOULD BE 30 AMPS

## 24V INPUT

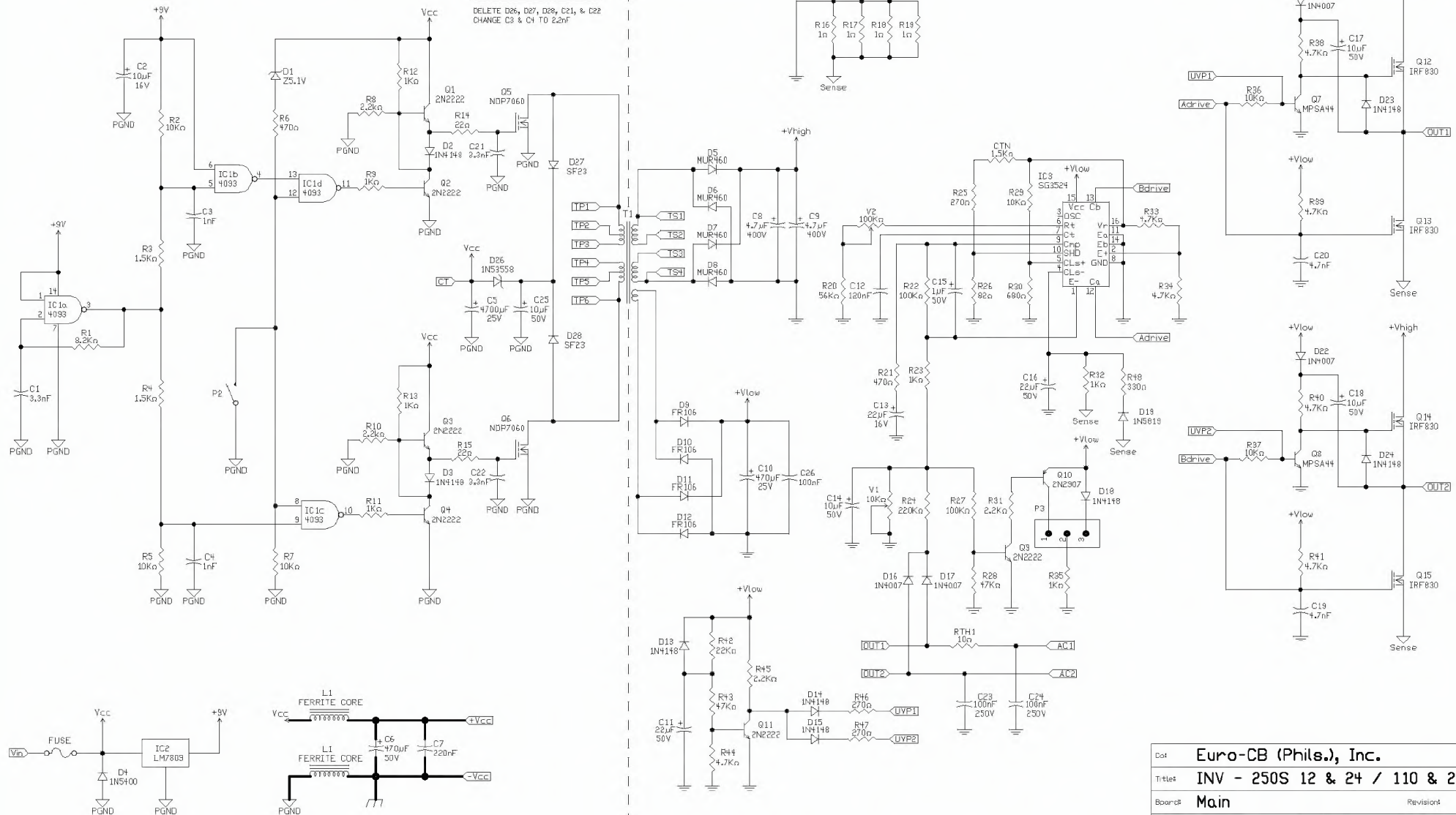
SHORT TP3 & TP4 TO VCC  
D1 SHOULD BE 16.0 VOLTS  
D6 SHOULD BE 36.0 VOLTS  
Q5 & Q6 SHOULD BE NDP7060  
FUSE SHOULD BE 15 AMPS  
IF Q5 & Q6 IS ALREADY IRF 3710  
DELETE D26, D27, D28, C21, & C22  
CHANGE C3 & C4 TO 2.2nF

## 110V OUTPUT

SHORT TS1 & TS3  
SHORT TS2 & TS4  
C8 & C9 = 4.7nF/400V  
Q12, Q13, Q14, & Q15 SHOULD BE IRF630

## 220V OUTPUT

SHORT TS2 & TS3  
C8 = 4.7nF/400V  
DELETE R18 & R19  
Q12, Q13, Q14, & Q15 SHOULD  
BE IRF830



Doc	Euro-CB (Phils.), Inc.		
Title	INV - 250S 12 & 24 / 110 & 220		
Board	Main	Revision	A
Author	Ayen Yting	Size	B
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